

# Notice of Allowability

Application No.

09/583,883

Examiner

Kim T. Huynh

Applicant(s)

LEE, TERRY R.

Art Unit

2112

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 1/28/05.
2. ☒ The allowed claim(s) is/are 1-29 and 36-68.
3. ☒ The drawings filed on 31 May 2000 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
**TIM VO**  
**PRIMARY EXAMINER**

## **DETAILED ACTION**

### ***Allowable Subject Matter***

1. Applicant's amendment filed on 1/28/05 have been fully considered and are persuasive.

2. The following is an examiner's statement of reasons for allowance:

Leggie's reference discloses the bus routed from the first socket connector of the first card to the second socket connector of the second card which is different from the claimed subject matter, whereas the claimed subject matter claimed wherein the bus is routed from the first card into the second without entering the second connector.

As per claims 1-29, applicant's claimed subject matter is deemed allowable over the prior art of record as the prior art fails to teach or suggest routing the bus from a portion of the first circuit card into a portion of a second circuit card residing within a second connector on the motherboard, wherein the bus is routed from the first circuit card to the second circuit card without entering the second connector in combination with other limitations as recited in independent claims and further in view of the specification and applicant's persuasive arguments.

As per claims 36-65, applicant's claimed invention is deemed allowable over the prior art of record as the prior art fails to teach or suggest said bus is routed into a first connector, into a first circuit card residing within said first connector, out of a portion of said first circuit card into a portion of a second circuit card residing within a second connector and through said second circuit card, and wherein said bus is routed from said first circuit card to said second circuit card without entering said second connector

in combination with other limitations as recited in independent claims and further in view of the specification and applicant's persuasive arguments.

As per claims 66-68, applicant's claimed invention is deemed allowable over the prior art of record as the prior art fails to teach or suggest wherein said bus is routed into a first connector, into a first circuit card residing within said first connector, out of a portion of said first circuit card into a portion of a second circuit card residing within a second connector, through said second circuit card and out of said second connector, wherein said bus is routed from said first circuit card into said second circuit card without entering said second connector in combination with other limitations as recited in independent claims and further in view of the specification and applicant's persuasive arguments.

3. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

4. *Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kim Huynh whose telephone number is (571)272-3635 or via e-mail addressed to [kim.huynh3@uspto.gov]. The examiner can normally be reached on M-F 9:00AM- 6:00PM. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mark Rinehart can be reached at (571)272-3632 or via e-mail addressed to [mark.Rinehart@uspto.gov].*

*The fax phone numbers for the organization where this application or proceeding is assigned are (703)872-9306 for regular communications and After Final communications. Any inquiry of a general*

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*nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (571)272-2100.*

Kim Huynh

April 7, 2005



**TIM VO**  
**PRIMARY EXAMINER**